

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC INVESTIGATION OF NUCLEAR	)	CASE NO.
ENERGY, GENERATION, STORAGE, AND	)	2025-00186
RELATED MATTERS	)	

**STATEMENT OF ISSUES**

The Louisville Climate Action Network, Inc. (“LCAN”), by counsel and pursuant to the Commission’s June 16, 2025, Order in this case requesting “that interested parties file a short list of topics which the parties believe to be relevant and wish to address during the informal conference...on or before July 11, 2025,” provides the following list of topics for the Commission’s consideration.

LCAN is a non-profit corporation organized in Kentucky with a principal office in Louisville. LCAN provides (1) technical energy efficiency and renewable energy services to other nonprofit organizations so they may “spend less on utilities, more on mission,” (2) climate-action education through its website, newsletters, videos, book club, classes, and workshops, and (3) strategic advocacy for smarter public policies to reduce carbon pollution and cut costs. LCAN and its organizational and individual members work together for a healthy climate, operating efficiently, and on sustainable energy that is equitably distributed and used.

LCAN believes the following list of topics are relevant and wish them to be addressed during the informal conference:

- 1) Reliability of nuclear generation project construction costs estimates and risk of cost overruns during construction;

- 2) Reliability of nuclear generation project operation and maintenance estimates and risk of cost overruns during operation;
- 3) Costs and risks regarding nuclear fuel, spent nuclear fuel and other waste, and environmental contamination and remediation;
- 4) Costs and risks for both interim and permanent storage of spent nuclear fuel;
- 5) Environmental permitting and permits or other authorizations that should be obtained prior to submission of an application to the Kentucky Public Service Commission for authority to build a nuclear generation facility;
- 6) Restrictions on or interference with land use of third-parties and whether utilities will be required or allowed to use eminent domain to condemn such property;
- 7) Decommissioning costs;
- 8) Regulatory structures separate from the Kentucky Public Service Commission with potential control over when the facilities may or must operate;
- 9) Performance histories of nuclear power plants including plant shutdowns and reduced operations;
- 10) Operational risk associated with heat, drought, wildfires, flooding, hurricanes, tornadoes, earthquakes, and extreme cold events;
- 11) Financial risks and rate risks to ratepayers including during construction and also operation;
- 12) Security and safety risks for a nuclear generation facility and the physical and cybersecurity costs and safety costs for a nuclear generation facility;
- 13) Risks of early adoption of a technology or process that may be substantially revised during the life of the project including but not limited to the risk of a vendor abandoning or no longer supporting a technology or process during the expected life of the project;
- 14) Although the tasks of the Kentucky Public Service Commission include surveys of other jurisdictions, the information from other jurisdictions should be considered and tested in the context of all unique environmental and safety

risks in Kentucky that may not be present or fully addressed in other jurisdictions;

- 15) Operation and maintenance costs of a nuclear generation facility including but not limited to workforce development, training costs, and personnel costs;
- 16) Development of a state regulatory workforce and the roles for the Kentucky Public Service Commission, other agencies in the Energy and Environment Cabinet, and the Cabinet for Health and Family Services, Kentucky Department for Public Health, Division of Protection and Safety, Radiation Health Branch, the latter of which, among other things, licenses, registers and certifies all uses of radiation in the Commonwealth;
- 17) Justice issues including the avoidance of disproportionate risks to Kentuckians due to the tendency to place risky development in low population density, low income, or underserved areas. Decisions to site nuclear facilities must be done with meaningful community input, and underserved community groups should be provided ample opportunities to oppose or voice their concerns for the siting and operation of a nuclear facility. The risks and costs regarding potential opposition in the siting process requires examination including, but not limited to, whether ratepayers should be required to pay rates to support public relations, lobbying, and advertising campaigns pertaining to site location;
- 18) Liability limitations due to the Price-Anderson Nuclear Industries Indemnity Act, and the resulting additional risks to the public; and
- 19) Ratepayer exposure to bankruptcy risk and securitization.

Thank you for the opportunity to provide this list of topics and comments for the informal conference.

Respectfully submitted,

/s/ David E. Spenard

Randal A. Strobo

David E. Spenard

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*Counsel for Louisville Climate Action  
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**NOTICE AND CERTIFICATION CONCERNING SERVICE**

Undersigned counsel provides notice that the electronic version of the paper has been submitted to the Commission by uploading it using the Commission's E-Filing System on this 11<sup>th</sup> day of July, 2025. Pursuant to the Commission's July 22, 2021 Order in Case No. 2020-00085 (*Electronic Emergency Docket Related to the Novel Coronavirus Covid-19*), the paper, in paper medium, is not required to be filed. No party to this proceeding has been excused from the electronic filing procedures.

/s/ David E. Spenard  
David E. Spenard

## VERIFICATION

I, Sarah Lynn Cunningham, PE, Executive Director, Louisville Climate Action Network, Inc., after being duly sworn, state that the short list of issues for discussion at the first informal conference for Kentucky Public Service Commission Case No. 2025-00186 is, to the best of my knowledge, a true and accurate list of issues believed by Louisville Climate Action Network to be relevant for inclusion for the first informal conference.

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Sarah Lynn Cunningham, PE  
As Executive Director  
Louisville Climate Action Network, Inc.

COMMONWEALTH OF KENTUCKY

COUNTY OF JEFFERSON

Subscribed and sworn to before me by Sarah Lynn Cunningham on this 11<sup>th</sup> day of July, 2025.

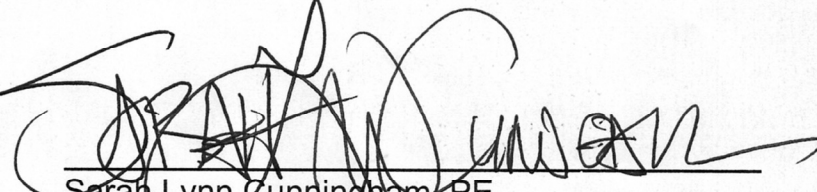
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Notary Public

My Commission Expires: \_\_\_\_\_

## VERIFICATION

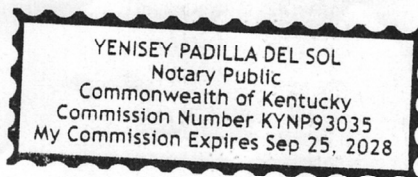
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\_\_\_\_\_  
Sarah Lynn Cunningham, PE  
As Executive Director  
Louisville Climate Action Network, Inc.

COMMONWEALTH OF KENTUCKY

COUNTY OF JEFFERSON

Subscribed and sworn to before me by Sarah Lynn Cunningham on this 11<sup>th</sup> day of July, 2025.



  
\_\_\_\_\_  
Notary Public

My Commission Expires: Sept 25, 2028